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SCULLY, SCOTT, MURPHY & PRESSER

;5167424366



To:	Examiner Leonardo Andujar	From:	Leslie S. Szivos  6 pages including cover sheet		
Fax:	(571) 273-8300	Pages:			
Phone:		Date:	July 22, 2005		
	U.S. Serial No: 10/648,884	20.			
Re:	Group Art Unit: 2826	CC:			
	Confirmation No: 4881				
	Docket No: YOR920030112US1 (16755	5)			
□ Uri	gent 🛘 For Review 🚨 Please Co	omment	☐ Please Reply	☐ Please Recycle	
• Att	ached hereto:				
1.	Certificate of Transmission by Facsimile				
2.	Transmittal Letter (in duplicate)				
3.	Response Under 37 C.F.R. 1.111 and 1.143				
4.	Authorization to charge deposit account				

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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)  Docket No.					
Applicant(s): Jeffrey C.	YOR920030112US2 (16755)				
Application No. 10/648,884			Group Art Unit 2826		
Invention: MULTILAY	ERED CAP BARRIER IN MICR	OELECTRONIC INTERCO	NNECT STRUCTURES		
Confirmation No: 4881					
			AND 1140		
I hereby certify that this	RESPONSI	E UNDER 37 C.F.R. §§ 1.111 A (Identify type of correspondence)	AND 1.143		
is being facsimile transm	nitted to the United States Patent	and Trademark Office (Fax.	No. (571) 273-8300		
on July 22, 2	2005				
(Date)					
	•	Leslie S	Szivos		
		(Typed or Printed Name of Per-	son Signing Certificate)		
		<i></i>	<u>/ )/</u>		
		(Signalur	e) .		
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P18/REV02

TRANSMITTAL LETTER (General - Patent Pending)  In Re Application Of: Jeffrey C. Hedrick, et al.  Application No. Filing Date Examiner Customer No. Group Art Unit Confirmation No. 10/648,884 August 27, 2003 Leonardo Andujar 23389 2826 4881  Title: MULTILAYERD CAP BARRIER IN MICROELECTRONIC INTERCONNECT STRUCTURES  COMMISSIONER FOR PATENTS:  Transmitted herewith is:  RESPONSE UNDER 37 C.F.R. §§ 1.111 AND 1.143  In the above identified application.  No additional fee is required. A check in the amount of is attached. The Director is hereby authorized to charge and credit Deposit Account No. 50-0510/IBM as described below. Charge the amount of Charge and deredit Deposit Account No. 50-0510/IBM as described below. Charge any additional fee required. Payment by credit card, Form PTO-2038 is attached. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide gredit card information and authorization on PTO-2038.  Lesile S. Szives Registration No. 39,394  SCULLLY, SCOTT, MURPHY & PRESSER 400 Gardee City New York 11530  Signature  Signature  Date: July 22, 2005  New York 11530  Signature of Person Mailing Correspondence is bejond addressed by the United States froat as aproximation addressed by the United States froat as aproximation and authorization on PTO-2038.  Signature of Person Mailing Correspondence is confidenced and continued and							
Application No. 10/648,884 August 27, 2003 Leonardo Andujar 23389 2826 4881  Title: MULTILAYERED CAP BARRIER IN MICROELECTRONIC INTERCONNECT STRUCTURES  COMMISSIONER FOR PATENTS:  Transmitted herewith is:  RESPONSE UNDER 37 C.F.R. §§ 1.111 AND 1.143  In the above identified application.  No additional fee is required.  A check in the amount of is attached.  The Director is hereby authorized to charge and credit Deposit Account No. 50-0510/IBM as described below.  Charge the amount of Credit any overpayment.  Charge any additional fee required.  Payment by credit card. Form PTO-2038 is attached.  WARNING: Information on this form may become public. Credit card information and authorization on PTO-2038.  Lesile S. Szives Registration No. 39,394  SCULLY, SCOTT, MURPHY & PRESSER 400 Carden City Plaza, Suite 300  Garden City, New York 11530  Garden City, New York 11530  Garden City, New York 11530  Sigulators of Person Mailing Correspondence  CC:	·						
Title: MULTILAYERED CAP BARRIER IN MICROELECTRONIC INTERCONNECT STRUCTURES    COMMISSIONER FOR PATENTS:	In Re Application (	Of: Jeffrey C. Hedri	ck, et al.		1		
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The Director is hereby authorized to charge and credit Deposit Account No. 50-0510/IBM  as described below.  Charge the amount of  Credit any overpayment.  Charge any additional fee required.  Payment by credit card. Form PTO-2038 is attached.  WARNING: Information on this form may become public. Credit card information should not be Included on this form. Provide credit card information and authorization on PTO-2038.  Leslie S. Szivos  Registration No. 39,394  SCULLY, SCOTT, MURPHY & PRESSER  400 Garden City Plaza, Suite 300  Garden City, New York 11530  Control of Plaza, Suite 300  Garden City, New York 11530  Control of Plaza, Suite 300  Garden City, New York 11530  Control of Plaza, Suite 300  Garden City, New York 11530  Control of Plaza, Suite 300  Contr	No additional	al fee is required.					
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Credit any overpayment.  ☐ Charge any additional fee required. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ WARNING: Information on this form may become public. Credit card information should not be Included on this form. Provide credit card information and authorization on PTO-2038.  Dated: July 22, 2005  Leslie S. Szivos Registration No. 39,394  SCULLY, SCOTT, MURPHY & PRESSER  400 Garden City Plaza, Suite 300 Garden City, New York 11530  Garden City, New York 11530  (S16) 742-4343  CC:  Signature of Person Mailing Correspondence  CC:			a to charge and credit Deposit A	ACCOUNT NO.	20-0210/IRM		
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Leslie S. Szivos Registration No. 39,394  SCULLY, SCOTT, MURPHY & PRESSER  400 Garden City Plaza, Suite 300 Garden City, New York 11530  (S16) 742-4343  CC:  Dated: July 22, 2005  Signature    hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450-137 CFR 1.8(a)] on    Signature of Person Mailing Correspondence   CC:	WARNING: Information on this form may become public. Credit card information should not be						
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400 Garden City Plaza, Suite 300  Garden City, New York 11530  (516) 742-4343  Signature of Person Mailing Correspondence  CC:	SCULLY, SCOTT,	MURPHY & PRESSI	ER .				
(516) 742-4343  1450, Alexandria, VA 22313-1450 [37 CFR 1.8(a)] on  (Date)  Signature of Person Mailing Correspondence  CC:	400 Garden City Pla	aza, Suite 300		sufficient postag	ge as first class	mail in an envelope	
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TRANSMITTAL LETTER (General - Patent Pending)				111	Docket No. YOR920030112US2 (16755)		
In Re Application	Of: Jeffrey C. Hedri	ck, et al.					
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.		
10/648,884	August 27, 2003	Leonardo Andujar	23389	2826	4881		
Title: MULTILA	YERED CAP BARR	ER IN MICROELECTRONIC	INTERCONNI	ECT STRUCTUE	RES		
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	DER 37 C.F.R. §§ 1.11	II AND 1.143					
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in the above identi	ified application.						
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#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jeffrey C. Hedrick, et al.

Examiner: Leonardo Andujar

Serial No: 10/648,884

Art Unit: 2826

**Dated:** July 22, 2005

**Filed:** August 27, 2003

Docket: YOR920030112US2 (16755)

For: MULTILAYERED CAP BARRIER

IN MICROELECTRONIC

INTERCONNECT STRUCTURES

Confirmation No: 4881

Mail Stop Amendment Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

### **RESPONSE UNDER 37 C.F.R. §§ 1.111 AND 1.143**

Sir:

In response to the Office Action dated May 4, 2005, applicants provisionally elect, without traverse, the species of FIG. 1 for continued prosecution in the above-identified patent application.

#### **CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to the Patent and

Trademark Office on the date shown below.

Dated: July 22, 2005

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